

## Network Tools - Feature #1690

### Add ability to perform a port scan

01/18/2017 01:46 AM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	05/22/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.4		
<b>Description</b>			
<b>Subtasks:</b>			
Task # 2402: Create port scan library			<b>Closed</b>
Task # 2403: Create library for splitting port ranges			<b>Closed</b>
Task # 2404: Create search command			<b>Closed</b>
Task # 2405: Create mod input			<b>Closed</b>
Task # 2406: Create view			<b>Closed</b>
Task # 2408: Load previous data in execute page			<b>Closed</b>
Task # 2409: Load previous results on port scan list page			<b>Closed</b>
Task # 2410: Colorize the port scan results			<b>Closed</b>
Task # 2411: Create single value modules on port scan result page			<b>Closed</b>

#### Associated revisions

##### Revision 321 - 06/05/2019 04:01 AM - lukemurphey

Adding ability to set the timeout to use when port scanning

Reference #1690

#### History

##### #1 - 01/18/2017 01:47 AM - Luke Murphey

Some possible approaches to use:

- <http://www.pythonforbeginners.com/code-snippets-source-code/port-scanner-in-python>
- <https://digitz.org/blog/create-your-own-simple-port-scanner-using-python/>
- <http://www.coderholic.com/python-port-scanner/>
- <http://code.activestate.com/recipes/286240-python-portscanners/>
- <http://www.primalsecurity.net/0x1-python-tutorial-port-scanner/>
- <http://www.offensivepython.com/2013/10/port-scanning-with-python.html>
- <https://sourceforge.net/projects/port-scanner-python/>

##### #2 - 03/14/2017 05:27 AM - Luke Murphey

I really like this one:

<https://null-byte.wonderhowto.com/how-to/sploit-make-python-port-scanner-0161074/>

**#3 - 03/14/2017 05:35 AM - Luke Murphey**

<https://pythonprogramming.net/python-threaded-port-scanner/?completed=/python-port-scanner-sockets/>

**#4 - 08/13/2017 05:37 AM - Luke Murphey**

- Target version set to 1.2

**#5 - 11/07/2017 06:41 PM - Luke Murphey**

- Target version changed from 1.2 to 1.3

**#6 - 11/09/2017 06:01 AM - Luke Murphey**

Contacts:

- Rob (via LinkedIn) asked to have something that could detect when a port goes up or down.
- See also <https://github.com/LukeMurphey/splunk-website-monitoring/issues/17>

**#7 - 05/09/2019 05:49 PM - Luke Murphey**

- Target version changed from 1.3 to 1.4

**#8 - 05/22/2019 06:15 PM - Luke Murphey**

- Multithreaded: <http://code.activestate.com/recipes/286240-python-portscanners/>
- Gets banner: <http://www.primalsecurity.net/0x1-python-tutorial-port-scanner/>
- Another multi-threaded: [https://sourceforge.net/p/port-scanner-python/code/ci/master/tree/port\\_scanner.py](https://sourceforge.net/p/port-scanner-python/code/ci/master/tree/port_scanner.py)

UDP port scan example: <https://stackoverflow.com/questions/42867192/python-check-udp-port-open/49518366>

**#9 - 06/19/2019 06:46 PM - Luke Murphey**

- Status changed from New to Closed